UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,155,739 B2
APPLICATION NO. : 09/759225
DATED : December 26, 2006
INVENTOR(S) : Bari et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete Title page illustrating a figure, and substitute therefor, new Title page illustrating a figure. (attached)

Delete drawing sheet 16, consisting of figure 11, and substitute therefor drawing sheet 16, consisting of figure 11, as shown on the attached sheet.

Title page, add

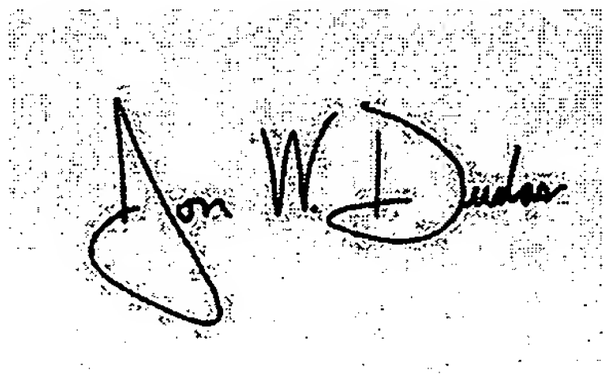
-- **Related U.S. Application Data**
(60) Provisional Application No. 60/176,029 filed January 14, 2000 --;

Column 12, line 58, change "users" to --user's--;

Column 18, line 40, change "14" to --34--.

Signed and Sealed this

Twenty-seventh Day of February, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Bari et al.

(10) **Patent No.: US 7,155,739 B2**
(45) **Date of Patent: Dec. 26, 2006**

(54) **METHOD AND SYSTEM FOR SECURE REGISTRATION, STORAGE, MANAGEMENT AND LINKAGE OF PERSONAL AUTHENTICATION CREDENTIALS DATA OVER A NETWORK**

(75) Inventors: **Jonathan H. Bari**, Philadelphia, PA (US); **Scott R. Elkins**, Philadelphia, PA (US); **Joshua Hartmann**, New York, NY (US)

(73) Assignee: **JBIP, LLC**, Philadelphia, PA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1172 days.

(21) Appl. No.: 09/759,225

(22) Filed: Jan. 16, 2001

(65) **Prior Publication Data**

US 2002/0023059 A1 Feb. 21, 2002

(51) **Int. Cl.**
H04L 9/32 (2006.01)
G06F 21/20 (2006.01)
G06Q 30/00 (2006.01)

(52) **U.S. Cl.** 726/6; 726/7; 705/26

(58) **Field of Classification Search** 380/255; 713/200-201
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,241,594	A	8/1993	Kung	713/151
5,594,227	A	1/1997	Deo	235/380
5,671,414	A	9/1997	Nicolet	395/684
5,689,638	A	11/1997	Sadovsky	395/188.01
5,719,941	A	2/1998	Swift et al.	380/25
5,754,890	A	5/1998	Holmdahl et al.	395/883
5,784,565	A	7/1998	Lewine	395/200.59
5,790,785	A *	8/1998	Klug et al.	713/202
5,815,689	A	9/1998	Shaw et al.	395/551
5,867,646	A	2/1999	Benson et al.	395/186
5,872,850	A	2/1999	Klein et al.	705/51
5,878,141	A	3/1999	Daly et al.	380/25
5,889,896	A	3/1999	Adams	395/705
5,892,828	A	4/1999	Perlman	380/25
5,913,038	A	6/1999	Griffiths	395/200.61
5,915,001	A	6/1999	Uppaluru	379/88.22

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0 848 341 A1 6/1998

(Continued)

OTHER PUBLICATIONS

Baboo.com website; Browse and Bookmark; 1998-2000.

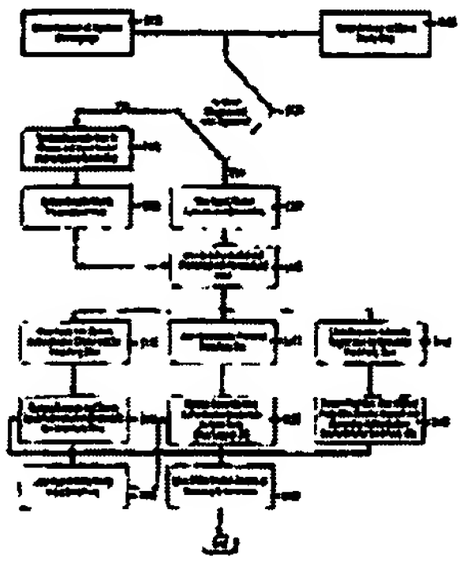
(Continued)

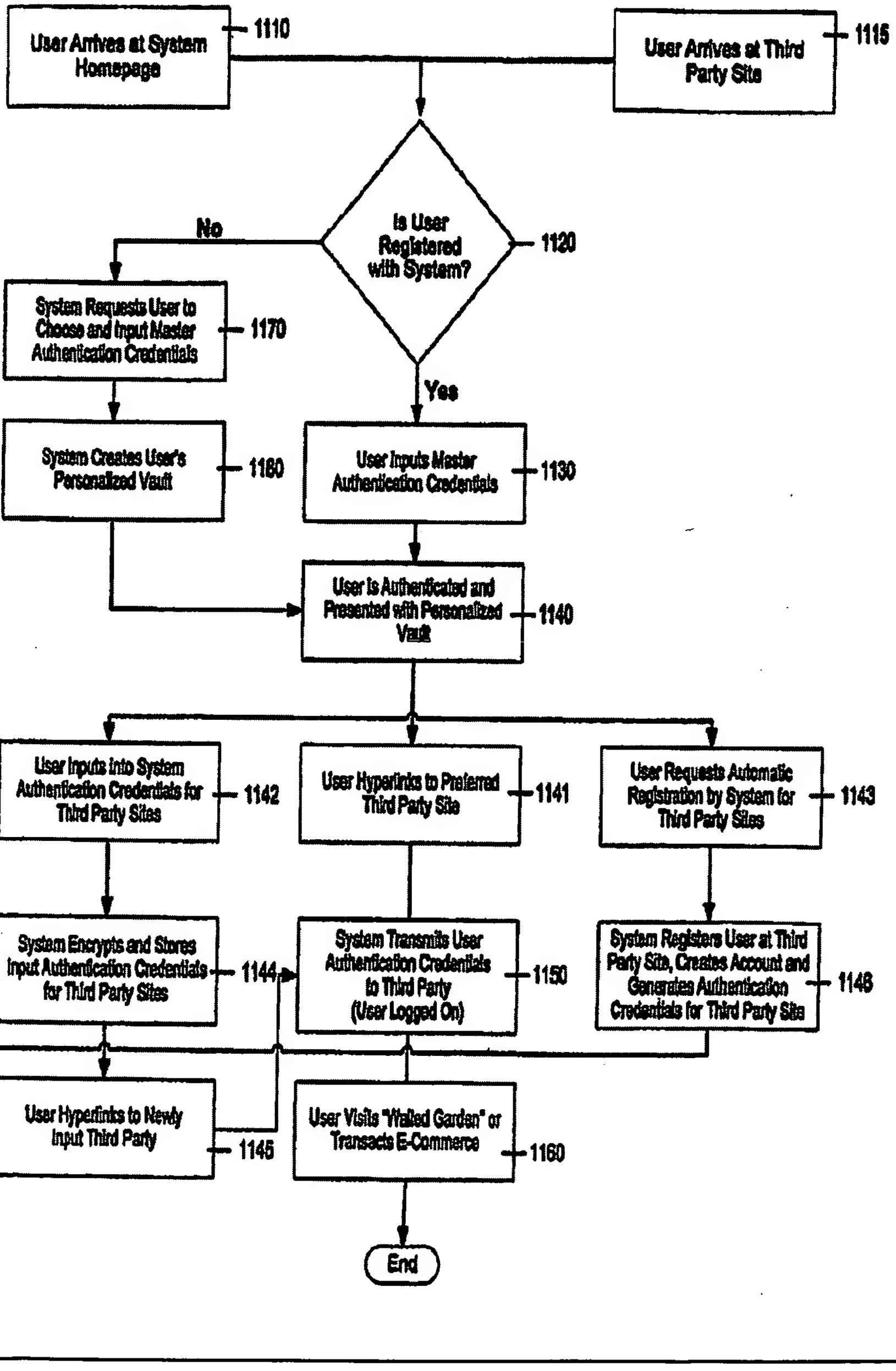
Primary Examiner—Christopher A. Revak
(74) *Attorney, Agent, or Firm*—Morgan, Lewis & Bockius, LLP

(57) **ABSTRACT**

A method and system for registering, storing and managing personal data for use over a network, and for allowing users to register for, link to and log onto third party Web sites. The invention queries a user for registration, authentication credentials information, such as user names, passwords, etc., for any type of application, and securely stores this data in a centralized user database. The invention prompts when registration/authentication is needed, and either manually with user intervention or automatically with user permission inputs stored data, or automatically creates the registration/authentication credential data for the user. The invention further monitors a user's network browsing, detects when registration/authentication is needed, and either manually with user intervention or automatically with user permission inputs stored data, or automatically creates the registration/authentication credential data for the user. The invention then securely transmits authentication credentials data for automatic login at third party Web sites.

66 Claims, 16 Drawing Sheets




User Arrives at System Homepage
1110
User Arrives at Third Party Site
1115
Is User Registered with System?
1120
No
Yes
System Requests User to Choose and Input Master Authentication Credentials
1170
System Creates User's Personalized Vault
1180
User Inputs Master Authentication Credentials
1130
User is Authenticated and Presented with Personalized Vault
1140
User Inputs into System Authentication Credentials for Third Party Sites
1142
User Hyperlinks to Preferred Third Party Site
1141
User Requests Automatic Registration by System for Third Party Sites
1143
System Encrypts and Stores Input Authentication Credentials for Third Party Sites
1144
System Transmits User Authentication Credentials to Third Party (User Logged On)
1150
System Registers User at Third Party Site, Creates Account and Generates Authentication Credentials for Third Party Site
1148
User Hyperlinks to Newly Input Third Party
1145
User Visits "Walled Garden" or Transacts E-Commerce
1160
End